Introduction

At Highways England, safety is our first imperative. Our Commercial Vehicle Incident Prevention (CVIP) Programme has been introduced to identify key causes of commercial vehicle incidents and to design and implement interventions to reduce commercial vehicle related incidents.

We are continuously seeking support and looking to engage with the industry as well as establishing collaborative partnerships with other organisations, such as the Police and the Driver and Vehicle Standards Agency (DVSA) to reduce these types of incidents and improve safety.

Key projects in the Safer Vehicles Tranche

- **Operation Tramline** is the use of three unmarked HGV tractor units loaned to police forces. The elevated position of the cabs allows Police to drive alongside high sided vehicles to identify and take action against unsafe driving behaviour.

- Targeted checks in partnership with Police to improve compliance with drivers’ hours regulations, thereby reducing the number of collisions caused by fatigued commercial vehicle drivers. Twenty six police forces to date have signed up to the joint initiative.

- The **tyre measurement technology** has been installed at a DVSA check site, a distribution centre and an operator depot to reduce the risk of commercial vehicle tyre failure, which can cause collisions and leave hazardous debris on the roads.

- Improving **load security** by working with the Health and Safety Laboratory providing expert Police training to identify poorly loaded commercial vehicles, educating drivers and improving compliance.

- **DVSA joint working initiatives.** Working collaboratively with DVSA to reduce the number of dangerous and poorly maintained commercial vehicles on our roads. Current initiatives are:
  - Training traffic officers to act as stoppers at DVSA’s Doxey check site on the M6
  - Control room staff at Dartford on the M25 trained to work with DVSA, directing commercial vehicles into DVSA’s check site
  - Exchanging data about dangerously parked commercial vehicles with DVSA and the Traffic Commissioners

- An initiative to identify the causes and impact of **HGV fires** on the SRN is under development, aimed at reducing the frequency and severity of these incidents on the network in the long term.

An initiative to reduce the frequency and severity of **diesel spillages** from commercial vehicles.

- **North west commercial vehicle unit research pilot** – working with North West Motorway Police Group and DVSA to deliver a regional based approach to commercial vehicle compliance checks.

- **ANPR/WIMS** is a Weigh in Motion initiative with DVSA to pilot the installation of new weight sensors (quartz sensors in lane 1) in all carriageway lanes at strategic sites on the strategic road network.

Key projects in the Safer People Tranche

- Development of a **virtual reality app** to raise awareness of the danger of HGV blind spots with both commercial vehicle drivers and private motorists.

- The design and development of a series of **safety cards** to highlight key road safety risks associated with HGVs and other commercial vehicles similar to airline safety cards.

- Improving the current **knowledge levels and attitudes** of all drivers towards commercial vehicles.

- Collaborate with partners to **promote enhanced driver training** for drivers of light goods vehicles.

- Promoting greater use of **in-vehicle systems/solutions** to improve driver behaviour.

- **Driving in the UK** is a campaign to reduce collisions involving overseas’ commercial vehicle drivers. This campaign includes blind spot awareness, SMART Motorways, speed limits, illegal parking etc.

Notes

- In addition to these interventions, further research is taking place into tyre management, vehicle weights, and HGV incident locations (to enable us to target our initiatives where necessary).

- More information on all these interventions, along with case studies, can be found at [gov.uk/government/publications](http://gov.uk/government/publications).
How the programme fits together

The CVIP Programmes; Safer Vehicles (Tranche 1) and Safer People (Tranche 2), will continue until 2020, but individual projects may conclude and others expand. There is considerable resonance between the two parts of the programme and it is anticipated that each will contribute added value to the other.

Commercial Vehicle Incident Prevention Programme

Safer vehicles

- Encourage deployment of improved vehicle safety technologies for both advice and passive safety.
  - Police use of HGV tractor units
  - Driver hours
  - Tyre, brake and axle incident detection - roadside detection
  - Load security and straps
  - Joint working at Dartford
  - Joint on-road working at Doxey
  - Data sharing between traffic officers and DVSA
  - Prevention of diesel spillages
  - North west commercial vehicle unit research pilot
  - Prevention of HGV fires

Communications enablers

- Understanding the Goods Vehicle Industry
- Multi stakeholder communication plan
- Highways England promotion within the Goods Vehicle Sector

Safer people

- Develop intelligence led innovation programmes to improve road user behaviour with measurable outcomes.
  - Blind spot technology
  - Non commercial vehicle road user knowledge and attitudes
  - Promote enhanced driver training for drivers of smaller good vehicles
  - Monitoring goods vehicle driver behaviours
  - Communication campaigns and products for overseas’ commercial vehicle drivers

Research

- Tyre management / tyre debris
- Vehicle weights
- Vehicle fires

Key:
- Complete and nationally implemented
- Ongoing / In development
- Not started

More information

If you would like more information or have ideas how to improve commercial vehicle safety on the strategic road network please contact Highways England’s Commercial Vehicle Incident Prevention Team (Safer Roads Group) by emailing: IncidentPrevention@highwaysengland.co.uk

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